

State Maps and Prescriptive Packages

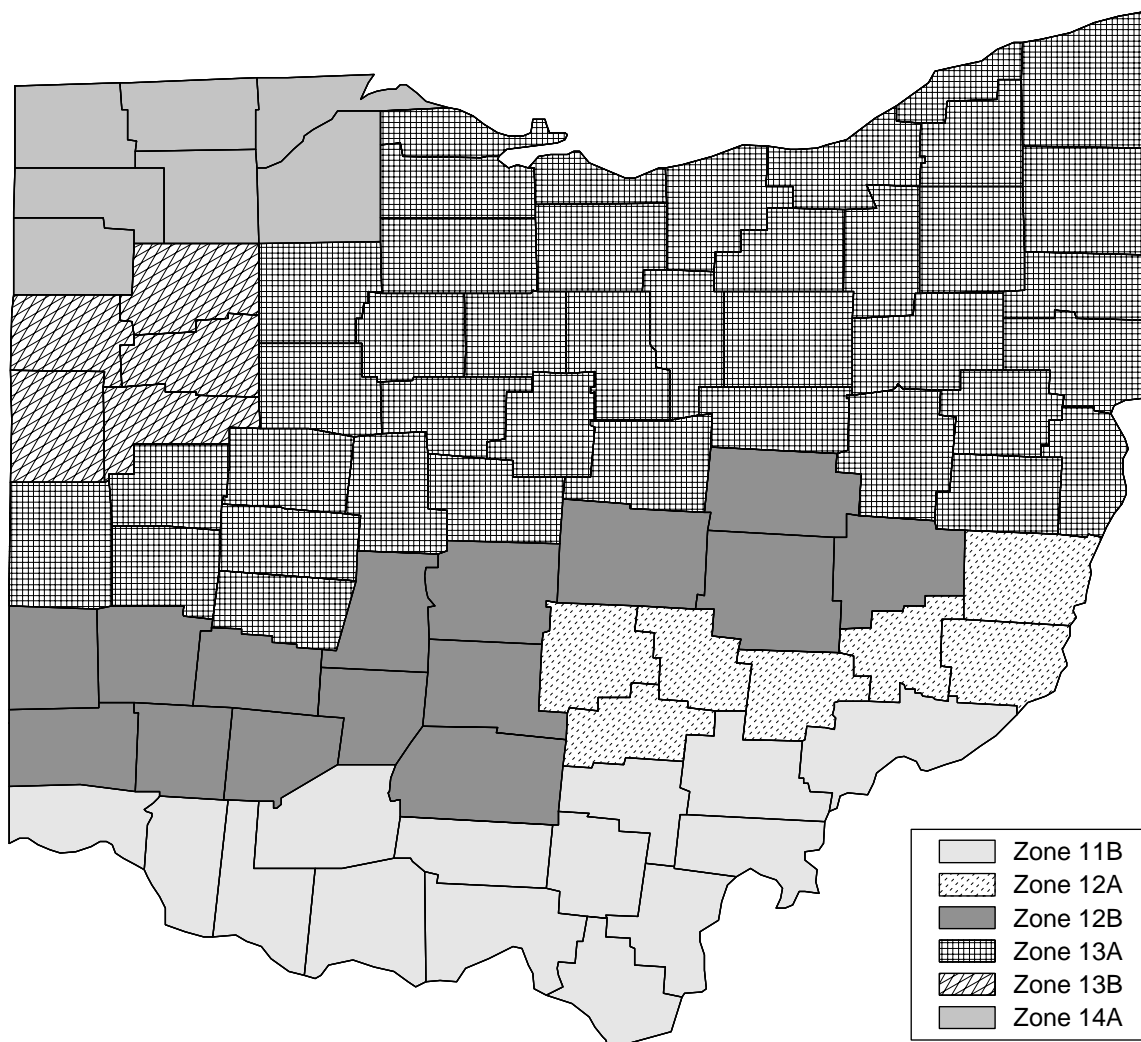
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The State Maps and Prescriptive Packages contain supporting materials that are needed when using the Envelope and Mechanical Compliance Guides. Insulation and other building envelope requirements and some mechanical system requirements vary by climate. The State Maps divide the United States into 33 different climate zones at a county level. Zones are numbered from 1 through 19 (consistent with the IECC and MECcheck climate zones) and have a, b, and c designations to reflect climate differences that affect cooling; e.g., cooling degree days and solar radiation. The climate maps are unchanged from Version 1.

To determine the climate zone to use with your building, locate the map for your state and identify the zone number from the legend or county list.

To determine insulation and other building envelope requirements, find the prescriptive package number corresponding to your climate zone. The *Envelope Compliance Guide* employs a package approach that requires all components in your design to meet or exceed the prescribed efficiency levels contained in the prescriptive package. If you find the prescriptive packages too constraining, consider using the COMcheck-EZ software, which allows tradeoffs among building envelope components.

OHIO



Zone	County	Zone	County
11B	Adams	12B	Licking
13B	Allen	13A	Logan
13A	Ashland	13A	Lorain
13A	Ashtabula	14A	Lucas
11B	Athens	12B	Madison
13B	Auglaize	13A	Mahoning
12A	Belmont	13A	Marion
11B	Brown	13A	Medina
12B	Butler	11B	Meigs
13A	Carroll	13B	Mercer
13A	Champaign	13A	Miami
13A	Clark	12A	Monroe
11B	Clermont	12B	Montgomery
12B	Clinton	12A	Morgan
13A	Columbiana	13A	Morrow
12B	Coshocton	12B	Muskingum
13A	Crawford	12A	Noble
13A	Cuyahoga	13A	Ottawa
13A	Darke	14A	Paulding
14A	Defiance	12A	Perry
13A	Delaware	12B	Pickaway
13A	Erie	11B	Pike
12A	Fairfield	13A	Portage
12B	Fayette	12B	Preble
12B	Franklin	13B	Putnam
14A	Fulton	13A	Richland
11B	Gallia	12B	Ross
13A	Geauga	13A	Sandusky
12B	Greene	11B	Scioto
12B	Guernsey	13A	Seneca
11B	Hamilton	13A	Shelby
13A	Hancock	13A	Stark
13A	Hardin	13A	Summit
13A	Harrison	13A	Trumbull
14A	Henry	13A	Tuscarawas
11B	Highland	13A	Union
12A	Hocking	13B	Van Wert
13A	Holmes	11B	Vinton
13A	Huron	12B	Warren
11B	Jackson	11B	Washington
13A	Jefferson	13A	Wayne
13A	Knox	14A	Williams
13A	Lake	14A	Wood
11B	Lawrence	13A	Wyandot

COMcheck-EZ™ Prescriptive Packages

Climate Zone 11b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
Walls (a,b)	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
Framed Minimum Cavity R-Value (c)	NA	11	11	NA	11	11	NA	11	11	NA	13	11
Any Spacing Minimum Continuous R-Value (d)	NA	0	0	NA	0	0	NA	0	0	NA	3	0
CMU, 8 in. or greater Minimum Cavity R-Value	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) Minimum Continuous R-Value	5	0	0	5	0	0	5	0	0	5	0	0
All Other Minimum Cavity R-Value	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) Minimum Continuous R-Value	5	0	0	5	0	0	5	0	0	5	0	0
Windows	No Projection	≤.25 Projection	≥.5 Projection	No Projection	≤.25 Projection	≥.5 Projection	No Projection	≤.25 Projection	≥.5 Projection	No Projection	≤.25 Projection	≥.5 Projection
Maximum Solar Heat Gain Coefficient	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
Maximum U-Factor	Any	Any	Any	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Skylight (Limit 3% of Roof Area)												
Maximum U-Factor	0.8			0.8			0.8			0.8		
Roof	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
All-Wood Joist/Truss Minimum R-Value	18		25	19		25	23		30	23		30
Nonwood Joist/Truss Minimum R-Value	19		25	20		25	24		30	24		30
Concrete Slab or Deck Minimum R-Value	18		NA	19		NA	23		NA	23		NA
Metal Purlin with Thermal Break Minimum R-Value	19		30	20		30	24		X	24		30
Metal Purlin without Thermal Break Minimum R-Value	19		X	20		X	24		X	24		38
Floor	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
All-Wood Joist/Truss Minimum R-Value	14		19	14		19	14		19	14		19
Nonwood Joist/Truss Minimum R-Value	15		19	15		19	15		19	15		19
Concrete Slab or Deck Minimum R-Value	15		NA	15		NA	15		NA	15		NA
Slab Edge or Basement Walls	Insulation			Insulation			Insulation			Insulation		
Minimum R-Value	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 12a

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)	Medium Fenestration Area (10%-25% Window-Wall Ratio)	High Fenestration Area (25%-40% Window-Wall Ratio)	Very High Fenestration Area (40%-50% Window-Wall Ratio)
Walls (a)	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing
Framed Any Spacing <i>Minimum R-Value</i>	NA 11 11	NA 11 11	NA 11 11	NA 13 11
CMU, 8 in. or greater with Integral Insulation(b) <i>Minimum R-Value</i>	5 11 11	5 11 11	5 11 11	5 11 11
All Other Masonry Walls(c) <i>Minimum R-Value</i>	5 11 11	5 11 11	5 11 11	5 11 11
Windows	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection
<i>Maximum Solar Heat Gain Coefficient</i>	Any Any Any	0.6 0.7 Any	0.5 0.6 0.7	0.4 0.5 0.7
<i>Maximum U-Factor</i>	Any Any Any	0.6 0.6 0.6	0.5 0.5 0.5	0.4 0.4 0.4
Skylight (Limit 3% of Roof Area)				
<i>Maximum U-Factor</i>	0.8	0.8	0.8	0.8
Roof	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	16 19	19 25	23 30	23 30
Nonwood Joist/Truss <i>Minimum R-Value</i>	17 25	20 25	24 30	24 30
Concrete Slab or Deck <i>Minimum R-Value</i>	16 NA	19 NA	23 NA	23 NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	17 25	20 30	24 X	24 30
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	17 X	20 X	24 X	24 38
Floor	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	16 19	16 19	16 19	16 19
Nonwood Joist/Truss <i>Minimum R-Value</i>	16 19	16 19	16 19	16 19
Concrete Slab or Deck <i>Minimum R-Value</i>	16 NA	16 NA	16 NA	16 NA
Slab Edge or Basement Walls	Insulation	Insulation	Insulation	Insulation
<i>Minimum R-Value</i>	0	0	8	8

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
 (b) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.
 (c) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
 - A minimum R-value of zero indicates no insulation is required.
 - "Any" indicates any available product will comply.
 - "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 12b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
Walls (a,b)	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
Framed Minimum Cavity R-Value (c)	NA	11	11	NA	11	11	NA	11	11	NA	13	13
Any Spacing Minimum Continuous R-Value (d)	NA	0	0	NA	0	0	NA	0	0	NA	3	0
CMU, 8 in. or greater Minimum Cavity R-Value	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) Minimum Continuous R-Value	5	0	0	5	0	0	5	0	0	5	0	0
All Other Minimum Cavity R-Value	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) Minimum Continuous R-Value	5	0	0	5	0	0	5	0	0	5	0	0
Windows	No Projection	3.25 Projection	3.5 Projection	No Projection	3.25 Projection	3.5 Projection	No Projection	3.25 Projection	3.5 Projection	No Projection	3.25 Projection	3.5 Projection
Maximum Solar Heat Gain Coefficient	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
Maximum U-Factor	Any	Any	Any	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Skylight (Limit 3% of Roof Area)												
Maximum U-Factor	0.8			0.8			0.8			0.8		
Roof	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
All-Wood Joist/Truss Minimum R-Value	16		19	19		25	23		30	23		30
Nonwood Joist/Truss Minimum R-Value	17		25	20		25	24		30	24		30
Concrete Slab or Deck Minimum R-Value	16		NA	19		NA	23		NA	23		NA
Metal Purlin with Thermal Break Minimum R-Value	17		25	20		30	24		X	24		38
Metal Purlin without Thermal Break Minimum R-Value	17		X	20		X	24		X	24		49
Floor	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
All-Wood Joist/Truss Minimum R-Value	15		19	15		19	15		19	15		19
Nonwood Joist/Truss Minimum R-Value	16		19	16		19	16		19	16		19
Concrete Slab or Deck Minimum R-Value	16		NA	16		NA	16		NA	16		NA
Slab Edge or Basement Walls	Insulation			Insulation			Insulation			Insulation		
Minimum R-Value	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 13a

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)	Medium Fenestration Area (10%-25% Window-Wall Ratio)	High Fenestration Area (25%-40% Window-Wall Ratio)	Very High Fenestration Area (40%-50% Window-Wall Ratio)
Walls (a)	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing	No Framing or Metal Framing or Wood Framing
Framed Any Spacing <i>Minimum R-Value</i>	NA 13 11	NA 13 11	NA 13 11	NA 13 11
CMU, 8 in. or greater with Integral Insulation(b) <i>Minimum R-Value</i>	5 11 11	5 11 11	5 11 11	5 11 11
All Other Masonry Walls(c) <i>Minimum R-Value</i>	5 11 11	5 11 11	5 11 11	5 11 11
Windows	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection	No Projection ^{s.25} Projection ^{s.5} Projection
<i>Maximum Solar Heat Gain Coefficient</i>	Any Any Any	0.6 0.7 Any	0.5 0.6 0.7	0.4 0.5 0.7
<i>Maximum U-Factor</i>	0.7 0.7 0.7	0.6 0.6 0.6	0.5 0.5 0.5	0.4 0.4 0.4
Skylight (Limit 3% of Roof Area)				
<i>Maximum U-Factor</i>	0.8	0.8	0.8	0.8
Roof	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation	Continuous Insulation or Roof Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	14 19	19 25	23 30	23 30
Nonwood Joist/Truss <i>Minimum R-Value</i>	15 19	20 25	24 30	24 30
Concrete Slab or Deck <i>Minimum R-Value</i>	14 NA	19 NA	23 NA	23 NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	15 25	20 30	24 X	24 30
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	15 X	20 X	24 X	24 38
Floor	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation	Continuous Insulation or Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	16 19	16 19	16 19	16 19
Nonwood Joist/Truss <i>Minimum R-Value</i>	17 25	17 25	17 25	17 25
Concrete Slab or Deck <i>Minimum R-Value</i>	17 NA	17 NA	17 NA	17 NA
Slab Edge or Basement Walls	Insulation	Insulation	Insulation	Insulation
<i>Minimum R-Value</i>	0	0	8	8

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
 (b) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.
 (c) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
 - A minimum R-value of zero indicates no insulation is required.
 - "Any" indicates any available product will comply.
 - "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 13b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing
Walls (a,b)												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	13	11	NA	13	11	NA	13	11	NA	13	13
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	0	0	NA	0	0	NA	0	0	NA	7	3
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
Windows	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection
<i>Maximum Solar Heat Gain Coefficient</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.4	0.5	0.6
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Skylight (Limit 3% of Roof Area)												
<i>Maximum U-Factor</i>	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Roof	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	18		25	19		25	23		30	23		30
Nonwood Joist/Truss <i>Minimum R-Value</i>	19		25	20		25	24		30	24		30
Concrete Slab or Deck <i>Minimum R-Value</i>	18		NA	19		NA	23		NA	23		NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	19		30	20		30	24		X	24		38
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	19		X	20		X	24		X	24		49
Floor	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	17		19	17		19	17		19	17		19
Nonwood Joist/Truss <i>Minimum R-Value</i>	17		25	17		25	17		25	17		25
Concrete Slab or Deck <i>Minimum R-Value</i>	17		NA	17		NA	17		NA	17		NA
Slab Edge or Basement Walls	Insulation			Insulation			Insulation			Insulation		
<i>Minimum R-Value</i>	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
 (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
 (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
 (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
 (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 14a

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing	No Framing	Metal or Framing	Wood or Framing
Walls (a,b)												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	13	11	NA	13	11	NA	13	11	NA	13	11
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	3	0	NA	3	0	NA	3	0	NA	3	0
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
Windows	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection	No Projection	≤.25 Projection	≤.5 Projection
<i>Maximum Solar Heat Gain Coefficient</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.4	0.5	0.6
<i>Maximum U-Factor</i>	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
Skylight (Limit 3% of Roof Area)												
<i>Maximum U-Factor</i>	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Roof	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	17		19	19		25	23		30	23		30
Nonwood Joist/Truss <i>Minimum R-Value</i>	18		25	20		25	24		30	24		30
Concrete Slab or Deck <i>Minimum R-Value</i>	17		NA	19		NA	23		NA	23		NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	18		30	20		30	24		X	24		38
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	18		X	20		X	24		X	24		38
Floor	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
All-Wood Joist/Truss <i>Minimum R-Value</i>	18		25	18		25	18		25	18		25
Nonwood Joist/Truss <i>Minimum R-Value</i>	19		25	19		25	19		25	19		25
Concrete Slab or Deck <i>Minimum R-Value</i>	19		NA	19		NA	19		NA	19		NA
Slab Edge or Basement Walls	Insulation			Insulation			Insulation			Insulation		
<i>Minimum R-Value</i>	0			8			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
 (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
 (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
 (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
 (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft² or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.